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long_nom=-95.000
n_diag=1

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polar_disc=C
reason=C
n_bore=1
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gain=0.00
p=-80.148;39.709

[C1]
gain=-2.00
n_point=47
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p15=-79.000;37.304
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p17=-79.877;37.000
p18=-80.000;36.967
p19=-80.500;36.952
p20=-80.863;37.000
p21=-81.000;37.022
p22=-81.500;37.228
p23=-81.870;37.500
p24=-82.000;37.680
p25=-82.196;38.000
p26=-82.424;38.500
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p31=-82.000;40.746
p32=-81.818;41.000
p33=-81.500;41.403

p34=-81.409;41.500
p35=-81.000;41.878
p36=-80.858;42.000
p37=-80.500;42.244
p38=-80.000;42.440
p39=-79.836;42.500
p40=-79.500;42.624
p41=-79.000;42.677
p42=-78.500;42.665
p43=-78.000;42.515
p44=-77.970;42.500
p45=-77.500;42.267
p46=-77.206;42.000
p47=-77.000;41.513

[C2]

gain=-4.00
n_point=65
p1=-76.000;42.772
p2=-75.879;42.500
p3=-75.664;42.000
p4=-75.585;41.500
p5=-75.548;41.000
p6=-75.645;40.500
p7=-75.724;40.000
p8=-75.899;39.500
p9=-76.000;39.248
p10=-76.111;39.000
p11=-76.374;38.500
p12=-76.500;38.295
p13=-76.724;38.000
p14=-77.000;37.666
p15=-77.146;37.500
p16=-77.500;37.166
p17=-77.688;37.000
p18=-78.000;36.743
p19=-78.390;36.500
p20=-78.500;36.443
p21=-79.000;36.190
p22=-79.500;36.031
p23=-79.610;36.000
p24=-80.000;35.901
p25=-80.500;35.872
p26=-81.000;35.864
p27=-81.500;35.990
p28=-81.534;36.000
p29=-82.000;36.161
p30=-82.500;36.471
p31=-82.538;36.500
p32=-82.947;37.000
p33=-83.000;37.074
p34=-83.272;37.500
p35=-83.422;38.000
p36=-83.500;38.345
p37=-83.526;38.500
p38=-83.509;39.000
p39=-83.500;39.146

p40=-83.476;39.500
p41=-83.354;40.000
p42=-83.214;40.500
p43=-83.000;40.994
p44=-82.997;41.000
p45=-82.688;41.500
p46=-82.500;41.791
p47=-82.336;42.000
p48=-82.000;42.340
p49=-81.841;42.500
p50=-81.500;42.840
p51=-81.285;43.000
p52=-81.000;43.171
p53=-80.500;43.430
p54=-80.340;43.500
p55=-80.000;43.661
p56=-79.500;43.797
p57=-79.000;43.930
p58=-78.500;43.942
p59=-78.000;43.937
p60=-77.500;43.811
p61=-77.000;43.642
p62=-76.766;43.500
p63=-76.500;43.294
p64=-76.153;43.000
p65=-76.000;42.772

[C3]

gain=-6.00
n_point=77
p1=-75.000;43.212
p2=-74.899;43.000
p3=-74.765;42.500
p4=-74.666;42.000
p5=-74.654;41.500
p6=-74.654;41.000
p7=-74.770;40.500
p8=-74.858;40.000
p9=-75.000;39.590
p10=-75.037;39.500
p11=-75.246;39.000
p12=-75.483;38.500
p13=-75.500;38.468
p14=-75.802;38.000
p15=-76.000;37.722
p16=-76.166;37.500
p17=-76.500;37.111
p18=-76.600;37.000
p19=-77.000;36.592
p20=-77.111;36.500
p21=-77.500;36.215
p22=-77.805;36.000
p23=-78.000;35.877
p24=-78.500;35.612
p25=-78.746;35.500
p26=-79.000;35.403
p27=-79.500;35.252

p28=-80.000;35.149
p29=-80.500;35.096
p30=-81.000;35.094
p31=-81.500;35.162
p32=-82.000;35.270
p33=-82.500;35.479
p34=-82.546;35.500
p35=-83.000;35.805
p36=-83.194;36.000
p37=-83.500;36.309
p38=-83.655;36.500
p39=-83.898;37.000
p40=-84.000;37.227
p41=-84.115;37.500
p42=-84.198;38.000
p43=-84.271;38.500
p44=-84.248;39.000
p45=-84.220;39.500
p46=-84.125;40.000
p47=-84.012;40.500
p48=-84.000;40.532
p49=-83.785;41.000
p50=-83.551;41.500
p51=-83.500;41.598
p52=-83.251;42.000
p53=-83.000;42.334
p54=-82.873;42.500
p55=-82.500;42.979
p56=-82.478;43.000
p57=-82.000;43.390
p58=-81.854;43.500
p59=-81.500;43.770
p60=-81.176;44.000
p61=-81.000;44.108
p62=-80.500;44.329
p63=-80.116;44.500
p64=-80.000;44.547
p65=-79.500;44.687
p66=-79.000;44.794
p67=-78.500;44.869
p68=-78.000;44.869
p69=-77.500;44.859
p70=-77.000;44.739
p71=-76.500;44.611
p72=-76.272;44.500
p73=-76.000;44.317
p74=-75.588;44.000
p75=-75.500;43.914
p76=-75.183;43.500
p77=-75.000;43.212

[C4]

gain=-8.00
n_point=91
p1=-74.000;43.006
p2=-73.998;43.000
p3=-73.906;42.500

p4=-73.883;42.000
p5=-73.916;41.500
p6=-73.947;41.000
p7=-74.000;40.760
p8=-74.058;40.500
p9=-74.161;40.000
p10=-74.350;39.500
p11=-74.500;39.083
p12=-74.531;39.000
p13=-74.782;38.500
p14=-75.000;38.099
p15=-75.054;38.000
p16=-75.383;37.500
p17=-75.500;37.338
p18=-75.757;37.000
p19=-76.000;36.712
p20=-76.209;36.500
p21=-76.500;36.229
p22=-76.757;36.000
p23=-77.000;35.807
p24=-77.431;35.500
p25=-77.500;35.455
p26=-78.000;35.184
p27=-78.371;35.000
p28=-78.500;34.942
p29=-79.000;34.775
p30=-79.500;34.622
p31=-80.000;34.533
p32=-80.240;34.500
p33=-80.500;34.470
p34=-81.000;34.471
p35=-81.442;34.500
p36=-81.500;34.505
p37=-82.000;34.611
p38=-82.500;34.788
p39=-82.988;35.000
p40=-83.000;35.006
p41=-83.500;35.362
p42=-83.676;35.500
p43=-84.000;35.877
p44=-84.082;36.000
p45=-84.421;36.500
p46=-84.500;36.682
p47=-84.603;37.000
p48=-84.756;37.500
p49=-84.809;38.000
p50=-84.865;38.500
p51=-84.840;39.000
p52=-84.811;39.500
p53=-84.708;40.000
p54=-84.586;40.500
p55=-84.500;40.753
p56=-84.411;41.000
p57=-84.204;41.500
p58=-84.000;41.910
p59=-83.950;42.000
p60=-83.646;42.500

p61=-83.500;42.736
p62=-83.290;43.000
p63=-83.000;43.302
p64=-82.802;43.500
p65=-82.500;43.804
p66=-82.284;44.000
p67=-82.000;44.226
p68=-81.565;44.500
p69=-81.500;44.539
p70=-81.000;44.837
p71=-80.648;45.000
p72=-80.500;45.068
p73=-80.000;45.263
p74=-79.500;45.449
p75=-79.269;45.500
p76=-79.000;45.546
p77=-78.500;45.633
p78=-78.000;45.656
p79=-77.500;45.660
p80=-77.000;45.615
p81=-76.500;45.523
p82=-76.410;45.500
p83=-76.000;45.347
p84=-75.500;45.075
p85=-75.388;45.000
p86=-75.000;44.720
p87=-74.748;44.500
p88=-74.500;44.192
p89=-74.392;44.000
p90=-74.166;43.500
p91=-74.000;43.006

[C5]

gain=-10.00
n_point=99
p1=-73.500;43.938
p2=-73.364;43.500
p3=-73.295;43.000
p4=-73.244;42.500
p5=-73.236;42.000
p6=-73.285;41.500
p7=-73.327;41.000
p8=-73.451;40.500
p9=-73.500;40.288
p10=-73.570;40.000
p11=-73.746;39.500
p12=-73.922;39.000
p13=-74.000;38.829
p14=-74.156;38.500
p15=-74.396;38.000
p16=-74.500;37.819
p17=-74.704;37.500
p18=-75.000;37.043
p19=-75.031;37.000
p20=-75.442;36.500
p21=-75.500;36.434
p22=-75.906;36.000

p23=-76.000;35.909
p24=-76.469;35.500
p25=-76.500;35.475
p26=-77.000;35.125
p27=-77.191;35.000
p28=-77.500;34.817
p29=-78.000;34.580
p30=-78.177;34.500
p31=-78.500;34.373
p32=-79.000;34.231
p33=-79.500;34.103
p34=-80.000;34.030
p35=-80.245;34.000
p36=-80.500;33.973
p37=-81.000;33.981
p38=-81.424;34.000
p39=-81.500;34.004
p40=-82.000;34.096
p41=-82.500;34.223
p42=-83.000;34.396
p43=-83.222;34.500
p44=-83.500;34.680
p45=-83.945;35.000
p46=-84.000;35.043
p47=-84.432;35.500
p48=-84.500;35.600
p49=-84.727;36.000
p50=-84.990;36.500
p51=-85.000;36.533
p52=-85.134;37.000
p53=-85.264;37.500
p54=-85.305;38.000
p55=-85.342;38.500
p56=-85.309;39.000
p57=-85.278;39.500
p58=-85.196;40.000
p59=-85.100;40.500
p60=-85.000;40.840
p61=-84.939;41.000
p62=-84.744;41.500
p63=-84.534;42.000
p64=-84.500;42.072
p65=-84.249;42.500
p66=-84.000;42.898
p67=-83.936;43.000
p68=-83.547;43.500
p69=-83.500;43.560
p70=-83.105;44.000
p71=-83.000;44.102
p72=-82.520;44.500
p73=-82.500;44.516
p74=-82.000;44.906
p75=-81.847;45.000
p76=-81.500;45.205
p77=-81.000;45.484
p78=-80.967;45.500
p79=-80.500;45.702

p80=-80.000;45.863
p81=-79.577;46.000
p82=-79.500;46.025
p83=-79.000;46.132
p84=-78.500;46.220
p85=-78.000;46.280
p86=-77.500;46.284
p87=-77.000;46.278
p88=-76.500;46.196
p89=-76.000;46.109
p90=-75.686;46.000
p91=-75.500;45.927
p92=-75.000;45.723
p93=-74.654;45.500
p94=-74.500;45.357
p95=-74.133;45.000
p96=-74.000;44.856
p97=-73.748;44.500
p98=-73.526;44.000
p99=-73.500;43.938

[C6]

gain=-15.00
n_point=117
p1=-72.000;44.495
p2=-71.965;44.000
p3=-71.926;43.500
p4=-71.930;43.000
p5=-71.938;42.500
p6=-71.959;42.000
p7=-72.000;41.769
p8=-72.060;41.500
p9=-72.144;41.000
p10=-72.255;40.500
p11=-72.360;40.000
p12=-72.500;39.523
p13=-72.507;39.500
p14=-72.640;39.000
p15=-72.816;38.500
p16=-72.988;38.000
p17=-73.000;37.970
p18=-73.196;37.500
p19=-73.417;37.000
p20=-73.500;36.829
p21=-73.677;36.500
p22=-73.975;36.000
p23=-74.000;35.960
p24=-74.323;35.500
p25=-74.500;35.277
p26=-74.740;35.000
p27=-75.000;34.726
p28=-75.257;34.500
p29=-75.500;34.303
p30=-75.964;34.000
p31=-76.000;33.977
p32=-76.500;33.703
p33=-77.000;33.506

p34=-77.017;33.500
p35=-77.500;33.345
p36=-78.000;33.230
p37=-78.500;33.147
p38=-79.000;33.085
p39=-79.500;33.043
p40=-80.000;33.017
p41=-80.500;33.008
p42=-81.000;33.026
p43=-81.500;33.058
p44=-82.000;33.130
p45=-82.500;33.211
p46=-83.000;33.333
p47=-83.500;33.473
p48=-83.576;33.500
p49=-84.000;33.702
p50=-84.494;34.000
p51=-84.500;34.004
p52=-85.000;34.402
p53=-85.096;34.500
p54=-85.454;35.000
p55=-85.500;35.072
p56=-85.733;35.500
p57=-85.915;36.000
p58=-86.000;36.293
p59=-86.053;36.500
p60=-86.135;37.000
p61=-86.195;37.500
p62=-86.206;38.000
p63=-86.212;38.500
p64=-86.186;39.000
p65=-86.163;39.500
p66=-86.113;40.000
p67=-86.039;40.500
p68=-86.000;40.695
p69=-85.914;41.000
p70=-85.780;41.500
p71=-85.631;42.000
p72=-85.500;42.366
p73=-85.444;42.500
p74=-85.222;43.000
p75=-85.000;43.423
p76=-84.956;43.500
p77=-84.657;44.000
p78=-84.500;44.229
p79=-84.280;44.500
p80=-84.000;44.805
p81=-83.810;45.000
p82=-83.500;45.306
p83=-83.277;45.500
p84=-83.000;45.717
p85=-82.560;46.000
p86=-82.500;46.037
p87=-82.000;46.332
p88=-81.691;46.500
p89=-81.500;46.592
p90=-81.000;46.784

p91=-80.500;46.958
p92=-80.360;47.000
p93=-80.000;47.103
p94=-79.500;47.222
p95=-79.000;47.335
p96=-78.500;47.409
p97=-78.000;47.477
p98=-77.730;47.500
p99=-77.500;47.521
p100=-77.000;47.531
p101=-76.500;47.539
p102=-76.112;47.500
p103=-76.000;47.488
p104=-75.500;47.436
p105=-75.000;47.337
p106=-74.500;47.216
p107=-74.000;47.040
p108=-73.910;47.000
p109=-73.500;46.751
p110=-73.183;46.500
p111=-73.000;46.331
p112=-72.678;46.000
p113=-72.500;45.737
p114=-72.380;45.500
p115=-72.181;45.000
p116=-72.000;44.500
p117=-72.000;44.495

[C7]

gain=-20.00
n_point=149
p1=-71.000;46.677
p2=-70.909;46.500
p3=-70.821;46.000
p4=-70.775;45.500
p5=-70.760;45.000
p6=-70.793;44.500
p7=-70.821;44.000
p8=-70.899;43.500
p9=-70.967;43.000
p10=-71.000;42.694
p11=-71.021;42.500
p12=-71.079;42.000
p13=-71.169;41.500
p14=-71.246;41.000
p15=-71.312;40.500
p16=-71.366;40.000
p17=-71.435;39.500
p18=-71.454;39.000
p19=-71.500;38.582
p20=-71.509;38.500
p21=-71.508;38.000
p22=-71.514;37.500
p23=-71.500;37.000
p24=-71.590;36.500
p25=-71.681;36.000
p26=-71.891;35.500

p27=-72.000;35.249
p28=-72.104;35.000
p29=-72.425;34.500
p30=-72.500;34.383
p31=-72.746;34.000
p32=-73.000;33.680
p33=-73.175;33.500
p34=-73.500;33.136
p35=-73.623;33.000
p36=-74.000;32.687
p37=-74.230;32.500
p38=-74.500;32.257
p39=-74.850;32.000
p40=-75.000;31.918
p41=-75.500;31.619
p42=-75.780;31.500
p43=-76.000;31.407
p44=-76.500;31.183
p45=-77.000;31.075
p46=-77.413;31.000
p47=-77.500;30.988
p48=-77.566;31.000
p49=-78.000;31.128
p50=-78.500;31.384
p51=-78.632;31.500
p52=-79.000;31.723
p53=-79.412;32.000
p54=-79.500;32.026
p55=-80.000;32.150
p56=-80.500;32.266
p57=-81.000;32.354
p58=-81.500;32.432
p59=-82.000;32.491
p60=-82.083;32.500
p61=-82.500;32.559
p62=-83.000;32.608
p63=-83.500;32.669
p64=-84.000;32.742
p65=-84.500;32.833
p66=-85.000;32.941
p67=-85.359;33.000
p68=-85.500;33.034
p69=-86.000;33.281
p70=-86.500;33.282
p71=-86.937;33.000
p72=-87.000;32.922
p73=-87.175;33.000
p74=-87.500;33.092
p75=-87.908;33.500
p76=-87.500;33.736
p77=-87.000;33.607
p78=-86.921;34.000
p79=-86.868;34.500
p80=-86.928;35.000
p81=-86.917;35.500
p82=-86.925;36.000
p83=-86.901;36.500

p84=-86.879;37.000
p85=-86.846;37.500
p86=-86.824;38.000
p87=-86.798;38.500
p88=-86.774;39.000
p89=-86.750;39.500
p90=-86.713;40.000
p91=-86.684;40.500
p92=-86.650;41.000
p93=-86.614;41.500
p94=-86.569;42.000
p95=-86.507;42.500
p96=-86.500;42.576
p97=-86.479;43.000
p98=-86.500;43.362
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p133=-77.500;48.354
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p135=-76.500;48.406
p136=-76.000;48.431
p137=-75.500;48.446
p138=-75.000;48.460
p139=-74.500;48.445
p140=-74.000;48.409

p141=-73.500;48.340
p142=-73.000;48.223
p143=-72.500;48.064
p144=-72.313;48.000
p145=-72.000;47.873
p146=-71.500;47.544
p147=-71.448;47.500
p148=-71.177;47.000
p149=-71.000;46.677